



PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet		of	
NEW			

**Complete if Known**

Application Number	10/560,273
Filing Date	12/08/05
First Named Inventor	Norris
Art Unit	
Examiner Name	
Attorney Docket Number	21902.PROV.PCT.US (new # 00025-22010)

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/GM/	1	2002/0101360	08/01/02	Schrage	
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	3	1,616,639	02/08/27	C.A. Sprague	
	4	1,951,669	Mar 20, 1934	Ramsey	
	5	2,461,344	02/1949	Olson	
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	9	3,612,211	10/12/71	William T. Clark, III	
	10	3,613,069	10/1971	Cary et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
/GM/	26	WO 01/08449	02/01/01	PCT		
/GM/	27	EP 0 973 152	01/19/00	Massachusetts Institute of Technology		
/GM/	28	WO 01/33902	05/10/01	ATC		
Examiner Signature	/George Monikang/			Date Considered	05/11/2007	

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Substitute for form 1449/PTO			<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)			Application Number	10/560,273
			Filing Date	12/08/05
			First Named Inventor	Norris
			Art Unit	
			Examiner Name	
Sheet		of	Attorney Docket Number	21902.PROV.PCT.US (new # 00025-22010)
NEW				

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/GM/	56	JP60021695	02/1985	JP		
/GM/	57	JP2-265397	10/1990	JP		
Examiner Signature	/George Monikang/			Date Considered	05/11/2007	

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Sheet		of		Attorney Docket Number	00025-22010 (old # 21902.PROV.PCT.US)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/GM/	1	YONEYAMA M. ET AL., "The audio spotlight: An application of nonlinear interaction of sound waves to a new type of loudspeaker design" J. Acoust. Soc. Am. 73 (5), May 1983, pp 1532-1536.	
	2	Ultrasonic Ranging System--Polaroid.	
	3	HELMHOLTZ (Excerpts from On Combination Tones)--Editor's Comments on Paper 16.	
	4	AOKI, K., ET AL., "Parametric Loudspeaker--Characteristics of Acoustic Field and Suitable Modulation of Carrier Ultrasound," Electronics and Communications in Japan, Part 3, vol. 74, No. 9, pp. 76-82 (1991).	
	5	MAKAROV, S.N., ET AL., "Parametric Acoustic Nondirectional Radiator," Acustica, vol. 77 (1992).	
	6	WESTERVELT, P.J., "Parametric Acoustic Array," The Journal of the Acoustical Society of America, vol. 35, No. 4, pp. -(1963).	
↓	7	H. O. BERKTAY, T.G. MUIR "Arrays of Parametric Receiving Arrays" The Journal of the Acoustical society of America, pp. 1377-1383.	

Examiner Signature	/George Monikang/	Date Considered	05/11/2007
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